

TOPOGRAPHIC SURVEY CONTROL POINT RECORD

STATION LONG NAME	MU15
STATION NUMBER	MU15
4 CHAR ID	MU15
COUNTRY	IRAQ
LOCATION	AS SALMON
SURVEYING AGENCY	IGRS TROOP
DATE (OF DESCRIPTION)	07 JULY 05

CONTENTS	YES	NO	NO OF PAGES
FIELD COORDINATE VALUES	x		1
OFFICE COORDINATE VALUES	x		1
STATION MONUMENT & SITE DETAILS	x		1
STATION DIAGRAM	x		1
ACCESS MAP	x		1
ACCESS DESCRIPTION	x		1
APPROACH PHOTOGRAPHS	x		1
CARDINAL POINT PHOTOGRAPHS	x		2

RECORD OF VISITS

DATE OF VISIT	NAME	UNIT	REMARKS

ADDITIONAL DETAILS/ENCLOSURES

CONTENTS	NO OF PAGES

FIELD COORDINATE VALUES

STATION LONG NAME	MU15
4 CHAR ID	MU15
STATION NUMBER	MU15

THIS STATION IS NEW	YES
IDENTICAL / NEARLY IDENTICAL WITH	N/A

FIELD VALUES FROM THE RECEIVER / HAND HELD GPS – IN WGS84

LATITUDE N	30° 34' 29.3"
LONGITUDE E	044° 34' 19.0"
HT (M)	+244
GRID ZONE DESIGNATOR	38R
UTM / MGRS GRID	38R MU 58955 82561
SURVEYING AGENCY	IGRS

FIELD INPUT BY: SPC CHAMBERS	UNIT: IGRS	DATE: 07 JULY 2005
FIELD CHECKED BY: SGT. O'NEAL	UNIT:IGRS	DATE: 07 JULY 2005

OFFICE COORDINATE VALUES

WGS 84 ADJUSTED VALUES AS AT: 25 Aug 05

LATITUDE N	30° 34' 29.53405''
LONGITUDE E	044° 34' 19.40347''
SPHEROIDAL HT (M)	237.358
EGM96 GEOID MODEL HT (M)	-2.480
ORTHOMETRIC HT (M)	239.838
VERTICAL DATUM	WGS 84
GEOID MODEL USED	EGM 96
RELATIVE TO	CORS STATIONS
RELATIVE POSITION ACCURACY (M)	0.010
RELATIVE HEIGHT ACCURACY(M)	0.028
ADJUSTING AGENCY	OPUS
ADJUSTMENT DATE	25 AUG 2005

LOCAL DATUM VALUES AS AT: 25 Aug 05

SPHEROID	N/A
PROJECTION	N/A
GRID	N/A
VERTICAL DATUM	N/A
LATITUDE N / S	N/A
LONGITUDE E / W	N/A
EASTINGS (M)	N/A
NORTHINGS (M)	N/A
SPHEROIDAL HT (M)	N/A
ORTHOMETRIC HT (M)	N/A
GRID ZONE DESIGNATOR	N/A
TRANSFORMATION AGENCY	N/A
TRANSFORMATION DATE	N/A

GRAVITY VALUE: N/A	TYPE OF STN: N/A	REF: N/A
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AIR PHOTO: N/A	REF: N/A	SCALE: N/A
IMAGERY: N/A	REF: N/A	SCALE: N/A

OFFICE INPUT BY: LCPL COWARD	UNIT: IGRS	DATE: 25 AUG 2005
OFFICE CHECKED BY: LCPL DICKEN	UNIT: IGRS	DATE: 25 AUG 2005

STATION MONUMENT AND SITE DETAILS

STATION LONG NAME: MU15	
STATION NUMBER: MU15	4 CHAR ID: MU15
LOCATION: AS SALMON	COUNTRY: IRAQ
STATION ADDRESS: N/A	
TEL: N/A	FAX: N/A
LAND OWNER ADDRESS: N/A	
TEL: N/A	FAX: N/A
TYPE OF MARK: HARN	
CONDITION: GOOD	
MARK SETTING: FINE MARK ON REBAR	NO OF REBARS: 1.5

MONUMENT PHOTO / SKETCH



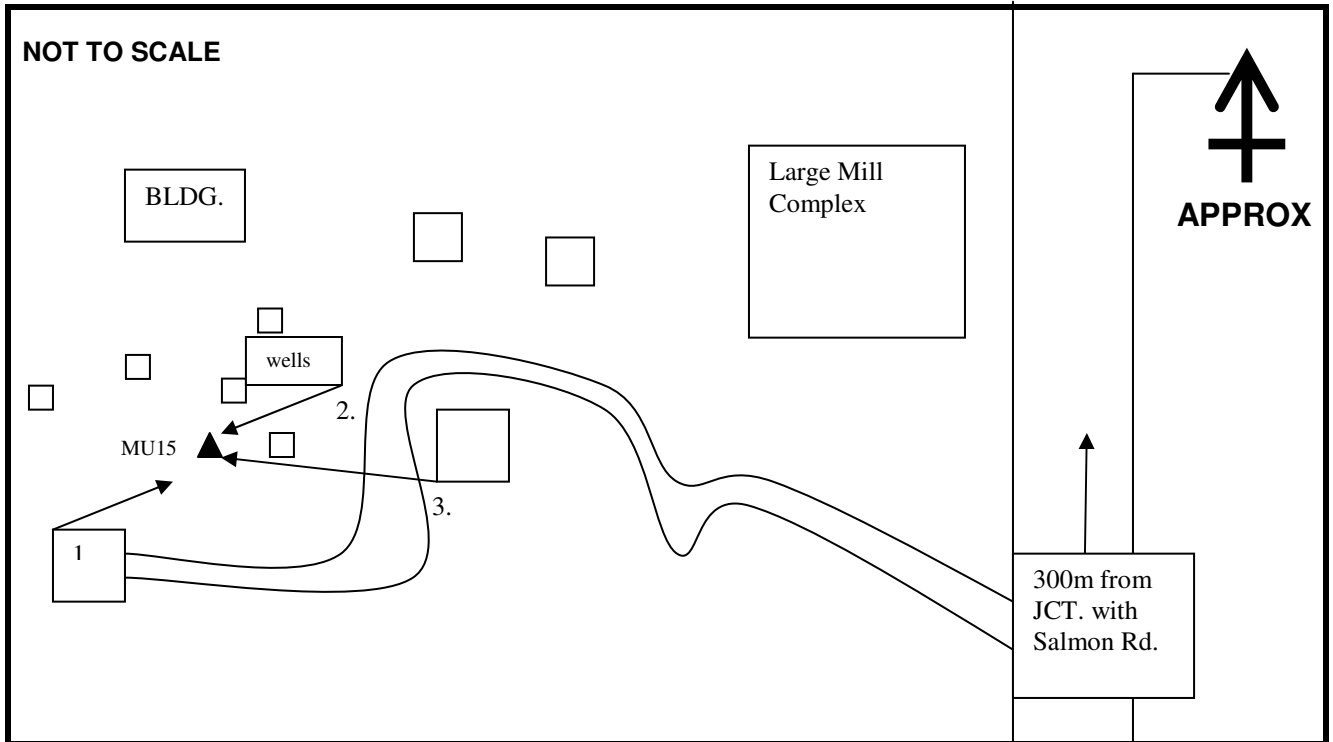
PREPARED BY: SPC CHAMBERS	UNIT: IGRS	DATE: 07 JULY 2005
CHECKED BY: SGT. O'NEAL	UNIT: IGRS	DATE: 07 JULY 2005

STATION DIAGRAM

STATION LONG NAME: MU15

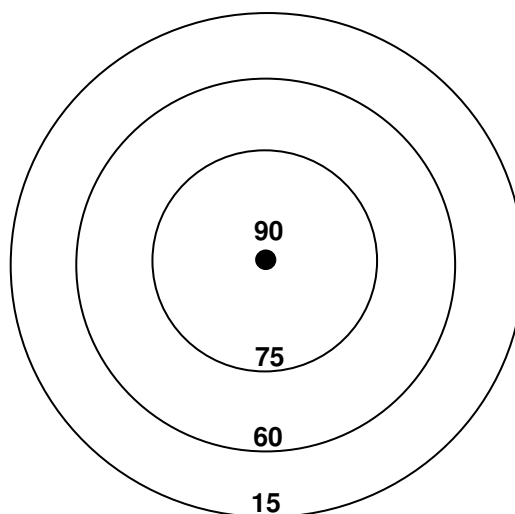
STATION NUMBER: MU15

4 CHAR ID: MU15



NO	DESCRIPTION	BRG/HORZ ANGLE	DISTANCE
1	NW CNR OF MUD BLDG	357°	131M
2	WESTERN WELL	265°	108M
3	SE CNR OF BLDG	295°	105M
4			

OBSCURITY DETAILS



PREPARED BY: SGT. O'NEAL	UNIT: IGRS	DATE: 07 JULY 2005
CHECKED BY: SGT. RENDON	UNIT: IGRS	DATE: 07 JULY 2005

ACCESS MAP

STATION LONG NAME: MU15

STATION NUMBER: MU15

4 CHAR ID: MU15

MAP DETAILS

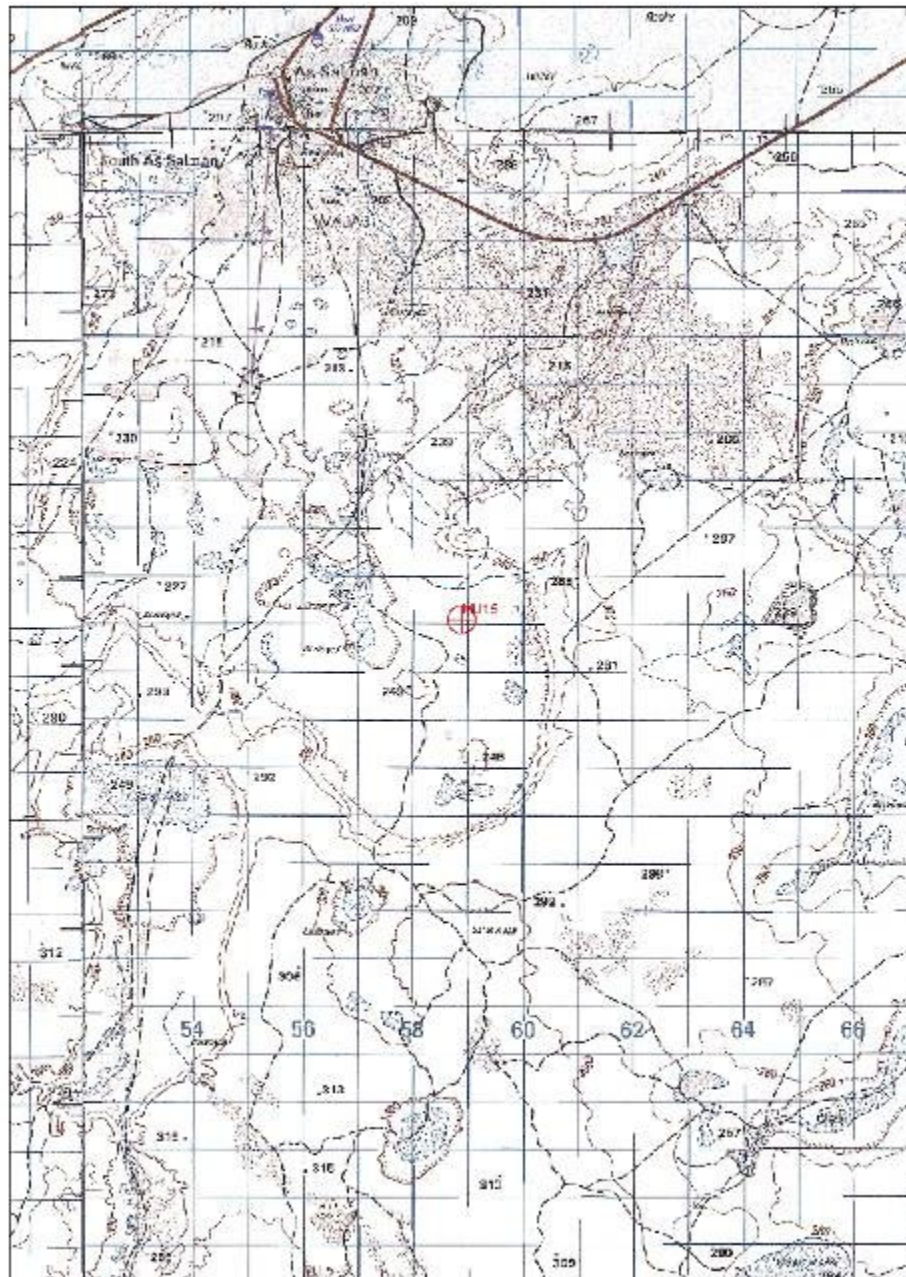
SERIES: K643

SHEET: 4950

EDITION: 1-NIMA

SCALE: 1:100,000

GR: 38R MU 58955 82561



PREPARED BY: SPC CHAMBERS

UNIT: IGRS

DATE: 07 JULY 2005

CHECKED BY: SGT. O'NEAL

UNIT: IGRS

DATE: 07 JULY 2005

ACCESS DESCRIPTION

STATION LONG NAME: MU15	
STATION NUMBER: MU15	4 CHAR ID: MU15

MAP DETAILS	SERIES: K643	SHEET: 4950
EDITION: 1-NIMA	SCALE: 1:100,000	GR: 38R MU 58955 82561

At GR 38R NV 3045 6004, travel west (turn left) onto main road.

Travel west for approximately 5km to road junction at grid: 38R NV 2779 6149. Then travel West on road and follow the road south for 122km to grid 38R MU 594 815 to a road junction. From there, proceed South, on road for approximately 300m to access trail (dirt/gravel road) on right hand side, (West), proceed approximately 1.4km (following dirt trail) to survey site MU15 at grid 38R MU 5895 8256.

The site will be near a large crater near a bunch of water wells, and old buildings.

PREPARED BY: SPC CHAMBERS	UNIT: IGRS	DATE: 07 JULY 2005
CHECKED BY: SGT. O'NEAL	UNIT: IGRS	DATE: 07 JULY 2005

APPROACH PHOTOGRAPHS

STATION LONG NAME: MU15	
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NEAR APPROACH FACING EAST



FAR APPROACH FACING EAST



TAKEN BY: SPC. CHAMBERS	DATE TAKEN: 07 JULY 2005
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CARDINAL PHOTOGRAPHS

STATION LONG NAME: MU15	
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NORTH



SOUTH



TAKEN BY: SPC. CHAMBERS	DATE TAKEN: 07 JULY 2005
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CARDINAL PHOTOGRAPHS

STATION LONG NAME: MU15	
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EAST



WEST



TAKEN BY: SPC. CHAMBERS	DATE TAKEN: 07 JULY 2005
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